

<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>B22-2522</b>		Application Number <b>10/525917</b>		
				Applicant(s) <b>Wantling, et al.</b>				
				Filing Date <b>NYA</b>		Group Art Unit <b>NYA</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/DSM/		4,421,704	12/1983	Reily	264	133		
/DSM/		5,120,355	06/1992	Imai	106	2		
/DSM/		6,165,261	12/2000	Wantling	106	778		
/DSM/		6,251,979 B1	06/2001	Luongo	524	423		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
/DSM/		WO 03/004433 A1	01/2003	PCT	C04B	24/02		
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
/DSM/		International Search Report dated October 2, 2003 PCT/US03/17771						
EXAMINER <b>/Daniel S. Metzmaier/</b>				DATE CONSIDERED <b>09/24/2007</b>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>B22-2522-2</b>		APPLICATION NO. <b>10/525,917</b>		
				APPLICANT(S) <b>Wantling, et al.</b>				
				FILING DATE <b>February 25, 2005</b>		GROUP ART UNIT <b>1712</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/DSM/		2,699,414	01/1955	Selbe, et al.	154	45.9		
/DSM/		3,891,463	06/1975	Williams	106	85		
/DSM/		3,935,021	01/1976	Grove, et al.	106	111		
/DSM/		4,019,920	04/1977	Barkard, et al.	106	114		
/DSM/		4,042,409	08/1977	Terada, et al.	106	111		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
<b>EXAMINER</b> /Daniel S. Metzmaier/				<b>DATE CONSIDERED</b> 09/24/2007				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-A820

P090/REV04

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

PAGE 4/8 \* RCVD AT 4/6/2005 2:32:07 PM [Eastern Daylight Time] \* SVR:USPTO-EFXXF-1/2 \* DNS:8729306 \* CSID:18602860115 \* DURATION (mm-ss):02-14 / OF 4

Copied from 10252917 on 09/15/2005

**INFORMATION DISCLOSURE CITATION**  
*(Use several sheets if necessary)*

ATTY DOCKET NO.

B22-2522-2

APPLICATION NO.

10/525,917

Wantling, et al.

FILING

February 25, 2005

GROUP ART

1712

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DSM/	4,094,694	05/1978	Long	106	111	
/DSM/	4,174,330	11/1979	Hashimoto, et al.	106	109	
/DSM/	4,392,896	07/1983	Sakakibara	150	39	
/DSM/	4,421,704	12/1983	Reily	264	133	
/DSM/	4,748,196	05/1988	Kuroda, et al.	524	43	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER

/Daniel S. Metzmaier/

DATE CONSIDERED

09/24/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)ATTY DOCKET NO.  
B22-2522-2APPLICATION NO.  
10/525,917

Wantling, et al.

FILING  
February 25, 2005GROUP ART  
N/A 1712**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DSM/	5,009,269	04/1991	Moran, et al.	166	293	
/DSM/	5,482,551	01/1996	Morris, et al.	106	772	
/DSM/	5,695,553	12/1997	Claret, et al.	106	778	
/DSM/	6,922,447	07/1999	Baig	428	292.7	
/DSM/	5,980,628	11/1999	Hjelmeland, et al.	106	778	

**U.S. PATENT APPLICATION PUBLICATIONS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER  
/Daniel S. Metzmaier/DATE CONSIDERED  
09/24/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>B22-2522-2</b>		APPLICATION NO. <b>10/525,917</b>		
				Wantling, et al.				
				FILING <b>February 25, 2005</b>		GROUP ART <b>NSA 1712</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/DSM/		5,968,137	10/1999	Sinnige	106	2		
/DSM/		6,010,596	01/2000	Song	162	158		
/DSM/		6,162,899	12/2000	Klauch, et al.	521	83		
/DSM/		6,173,122 B1	01/2001	Lawate, et al.	816	109		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER /Daniel S. Metzmaier/				DATE CONSIDERED 09/24/2007				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. B22-2522-2		APPLICATION NO. 10/525,917		
				APPLICANT(S) Wantling, et al.				
				FILING DATE February 25, 2005		GROUP ART UNIT N/A 1712		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/DSM/		3,869,414 A	03/1975	Campbell	260	6		
/DSM/		4,239,716	12/1980	Ishida, et al.	264	86		
/DSM/		4,328,178	05/1982	Kossatz	264	69		
/DSM/		4,645,548	02/1987	Take, et al.	156	39		
/DSM/		4,734,163	03/1988	Eberhardt, et al.	162	181.3		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER /Daniel S. Metzmaier/				DATE CONSIDERED 09/24/2007				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>B22-2522-2</b>		APPLICATION NO. <b>10/525,917</b>		
				Wantling, et al.				
				FILING <b>February 25, 2005</b>		GROUP ART <b>N/A 1712</b>		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/DSM/		5,320,677	06/1994	Balg	106	780		
/DSM/		6,056,201	05/2000	Wantling	106	271		
/DSM/		6,231,456	05/2001	Dekerf, et al.	106	38.25		
/DSM/		6,287,495	09/2001	Rothausen	264	109		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER /Daniel S. Metzmaier/				DATE CONSIDERED 09/24/2007				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

